

# Converting Colors

Hex(4B8FA6)

Have a look what the booklet for  
Hex(4B8FA6) contains.

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# Color

**Hex(4B8FA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B8FA6
RGB	75, 143, 166
RGB Percent	29%, 56%, 65%
CMY	0.7059, 0.4392, 0.3490
CMYK	0.55, 0.14, 0.00, 0.35
HSL	195°, 38%, 47%
HSV	195°, 55%, 65%
XYZ	19.6070, 23.8940, 39.6550
YIQ	125.2900, -47.9110, -7.2630

# Conversions

## Conversions Part 2

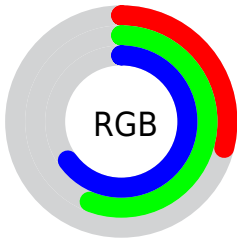
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 114, 166
Decimal	4951974
CIE <sub>Lab</sub>	55.98, -14.83, -18.72
CIE <sub>LCh</sub>	56, 23.883, 231.614
Yxy	23.8940, 0.2358, 0.2873
Android (android.graphics.Color)	4283142054 (0xFF4B8FA6)
YUV	125.2900, 20.0700, -44.1043
Hunter-Lab	48.8814, -13.9436, -13.8819

# Details

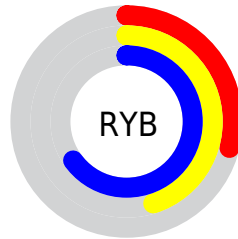
The Hex color **4B8FA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A6624B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **82C5DD**, and **035D72** is the 20% darker color. If you saturate the color by 10%, you get **3A8BA6**, and if you desaturate by 10%, it is **5C93A6**.

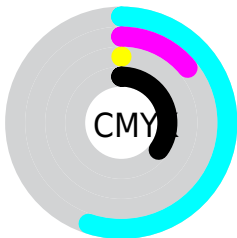
# Distribution



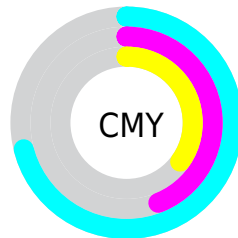
- Red (29%)
- Green (56%)
- Blue (65%)



- Red (29%)
- Yellow (45%)
- Blue (65%)



- Cyan (55%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (44%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8FA6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4B8FA6 by changing the saturation by 10% instead.



■ 4B8FA6

■ 4B8FA6

FFFFFF

■ 2E758C

■ 82C5DD

■ 035D72

■ 9EE1FA

■ 004559

■ BBFEFF

■ 002E42

■ D8FFFF

■ 001B2C

■ F5FFFF

■ 000117

■ 000000

■ 4B8FA6

■ 4B8FA6

■ 3A8BA6

■ 5C93A6

■ 2A87A6

■ 6C97A6

■ 1982A6

■ 7D9CA6

■ 097EA6

■ 8DA0A6

■ 007CA6

■ 9EA4A6

■ AFA8A6

■ BFACA6

■ D0B1A6

■ E0B5A6

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



479295



4B8FA6



638AAF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B8FA6



AB778D



858A5F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4B8FA6



A6624B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9A835D



4B8FA6



B07778

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4B8FA6



9B7CA0



AA7C66



6E8F6C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4B8FA6



7785AF



AA7C66



8D875D



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4B8FA6



B6D0D9



4BA662



59686E



EDEDED



6E6E6E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4B8FA6



4AB5D9



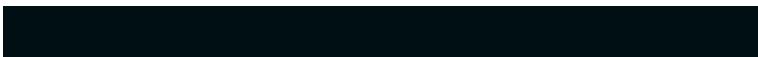
4B62A6



4C5254



006F94



000F14



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A64B8F



D94AB5



A68F4B



544C52



94006F

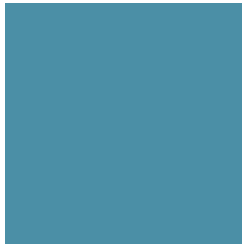


14000F



# Previews

## White Background



This preview shows how the Hex color 4B8FA6 looks on a white background.

## Color Contrast Check

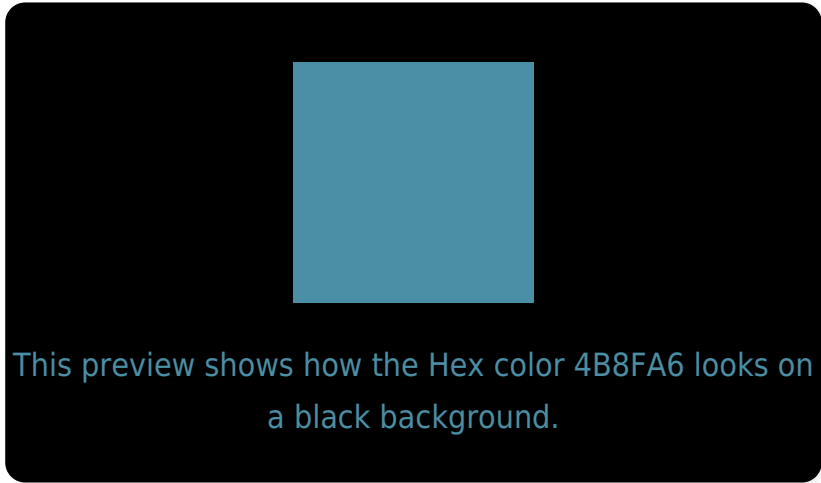
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

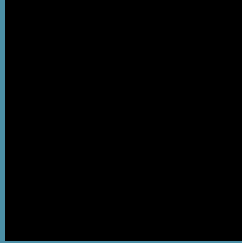
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B8FA6 Background



This preview shows how black text looks on a background with the Hex color 4B8FA6.

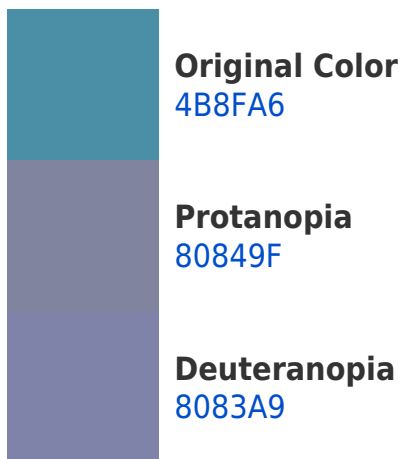



This preview shows how white text looks on a background with the Hex color 4B8FA6.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

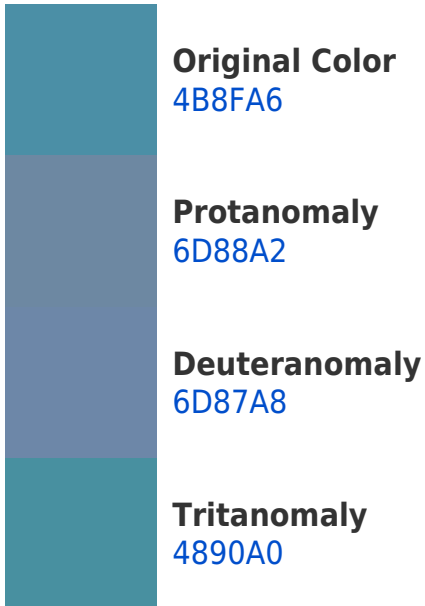
## Dichromacy





**Tritanopia**  
47919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8FA6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4B8FA6 looks like.

```
.text, #text, p{  
    color:#4B8FA6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4B8FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8FA6
}
```

## Border

The CSS property to change the border of an element to Hex 4B8FA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B8FA6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4B8FA6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4B8FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8FA6; -webkit-box-shadow:4px 4px  
4px 4px #4B8FA6; box-shadow:4px 4px 4px  
4px #4B8FA6 }
```

# Background

The CSS property to change the background color of an element to Hex 4B8FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8FA6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4B8FA6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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